



FEB 3 - 1998

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, DC 20460

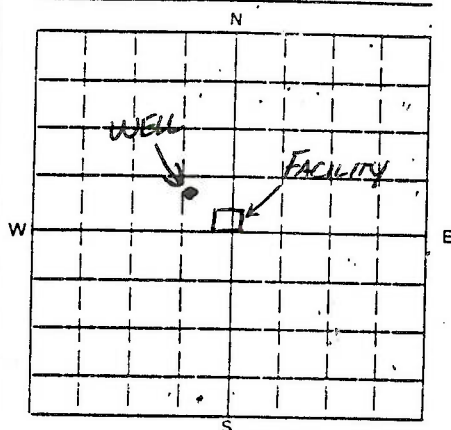
Form Approved, OMB No. 2000-0042, Approval expires 9-30-

WELL REWORK RECORD

NAME AND ADDRESS OF PERMITTEE

Wright's Disposal, Inc.
C/O K.P. Kauffman Co., Inc.
1675 Broadway, Suite 1970 Denver CO
80202

NAME AND ADDRESS OF CONTRACTOR

Kauffman Well Service
10137 Weld County Rd. 19
Fort Lupton, CO 80621LOCATE WELL AND OUTLINE UNIT ON
SECTION PLAT — 640 ACRES

STATE

CO

COUNTY

WELD

PERMIT NUMBER

CO 1516-002115

SURFACE LOCATION DESCRIPTION

1/4 OF SE 1/4 OF NW 1/4 SECTION 10 TOWNSHIP 1N RANGE 67W

LOCATE WELL IN TWO DIRECTIONS FROM NEAREST LINES OF QUARTER SECTION AND DRILLING UNIT

Surface 500 ft. from (N/S) S Line of quarter section
Location 2020 ft. from (E/W) W Line of quarter section

WELL ACTIVITY

- ☒
- Brine Disposal
-
- ☐
- Enhanced Recovery
-
- ☐
- Hydrocarbon Storage

Lease Name
Suckla Farms
Injection Well
#1

Total Depth Before Rework

9571

Total Depth After Rework

9571

Date Rework Commenced

1/27/98

Date Rework Completed

1/31/98

TYPE OF PERMIT

☒ Individual☐ Area

Number of Wells 1

Well Number

#1

WELL CASING RECORD — BEFORE REWORK

Casing		Cement		Perforations		Acid or Fracture Treatment Record
Size	Depth	Sacks	Type	From	To	
8 5/8#24	759	200	"C"			
5 1/2#20	9557	255	"G"	9276	9418	2500 Gals. 7 1/2 HCL

WELL CASING RECORD — AFTER REWORK (Indicate Additions and Changes Only)

Casing		Cement		Perforations		Acid or Fracture Treatment Record
Size	Depth	Sacks	Type	From	To	

DESCRIBE REWORK OPERATIONS IN DETAIL

USE ADDITIONAL SHEETS IF NECESSARY

Released and pulled packer, Hydrotested tubing to find 4 bad jts. Reran & set packer. Tested annulus to 1000 psi for 15 minutes.

WIRE LINE LOGS, LIST EACH TYPE

Log Types	Logged Intervals
n/a	n/a

CERTIFICATION

I certify under the penalty of law that I have personally examined and am familiar with the information submitted in this document and all attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment. (Ref. 40 CFR 144.32).

NAME AND OFFICIAL TITLE (Please type or print)

Rick Ohlemeier
Completion Supervisor

SIGNATURE

DATE SIGNED

2-10-98

KPK
K.P. Kauffman Co., Inc.
Daily Workover or Completion Report

SUPERVISOR: Rick Ohlemeier

Well: Suckla Farms Injection Well #1

Road Dir: 19 at 10.5, 3/10E, N into

DATE: 01/27/98

L. Desc: senw 10 1n 67w

County: Weld, CO

Line Locate: 1-26-98, #22747

Formation: Lyons

Perfs: 9276-9418, 194 holes

Casing: 5.5" 20# N-80

TD: 9571

PBTD: 9476

KB Meas: 10

Contractor: KWS RIG 3

Well Problem: Tubing leak

Start time: 1300

Stop time: 1600

Safety mtg. topic: n/a

Hrs daily: 3

Job cum: 3

Operation: Move in and spot rig on location, no further ops.

MTD cum: 160.8

Tbg psi: 0

Csg psi: 0

Footage	Jts.	Description of Items Run
0		Polished rod 1.25"x22' Rod subs Rods 3/4"x25' Rods 3/4"x25' Back-off tool Rods 3/4"x25' Rod sub 3/4" Pump - 2"x1.25"x16' RHAC, SV TOTAL
0		Tbg 2-3/8" 4.7# Tbg anchor/catcher Tbg 2-3/8" 4.7# Seating nipple Tail jt 2-3/8" slotted/pinned TOTAL

Oil used: 0

Water used: 0

Chem used:

Gals

From:

From:

Type:

0

Carrier:

Carrier:

Type:

0

BTR daily:

BTR daily:

Type:

Cum:

Cum:

COST ESTIMATE:

Code	Intangible	Daily	Cum	Code	Tangible	Daily	Cum
9000/862	KWS Rig 3	367	367				
9000/870							
Total:		367	367	Total:		0	0

KPK
K.P. Kauffman Co., Inc.
Daily Workover or Completion Report

SUPERVISOR: Rick Ohlemeier

Well: Suckla Farms Injection Well #1

Road Dir: 19 at 10.5, 3/10E, N into

DATE: 01/28/98

L. Desc: senw 10 1n 67w

County: Weld, CO

Line Locate: 1-26-98, #22747

Formation: Lyons

Perfs: 9276-9418, 194 holes

Casing: 5.5" 20# N-80

TD: 9571

PBTD: 9476

KB Meas: 10

Contractor: KWS RIG 3

Well Problem: Tubing leak

Start time: 600

Stop time: 1630

Safety mtg. topic: Personal protective equipment

Hrs daily: 10.5

Job cum: 13.5

MTD cum: 171

Operation: Rig up. NDWH, release packer. POOH, paint-out and tally tubing. SWI at 1600 hrs. Release crew.
Recovered 284 jts 2-7/8", 6.5#, J-55 tubing, 2-7/8" SN, 2-7/8"x2-3/8" swage, 2-3/8" SN, and 2-3/8"x5.5" Unilock VI Packer.
Entire assembly string set at 9146' KB, 130' above top perf.
Found no obvious tubing leaks.

Tbg psi: 0

Csq psi: 0

Footage	Jts.	Description of Items Run
		Polished rod 1.25"x22'
		Rod subs
		Rods 3/4"x25'
		Rods 3/4"x25'
		Back-off tool
		Rods 3/4"x25'
		Rod sub 3/4"
		Pump - 2"x1.25"x16' RHAC, SV
0		TOTAL
		Tbg 2-3/8" 4.7#
		Tbg anchor/catcher
		Tbg 2-3/8" 4.7#
		Seating nipple
		Tail jt 2-3/8" slotted/pinned
0		TOTAL

Had KWS 306 Water Truck loaded and on stanby if necessary to load annulus or tubing to balance fluid load to release packer.

Oil used: 0

Water used: 0

Chem used:

Gals

From:

From:

Type:

0

Carrier:

Carrier:

Type:

0

BTR daily:

BTR daily:

Type:

Cum:

Cum:

COST ESTIMATE:							
<u>Code</u>	<u>Intangible</u>	<u>Daily</u>	<u>Cum</u>	<u>Code</u>	<u>Tangible</u>	<u>Daily</u>	<u>Cum</u>
9000/862	KWS Rig 3	1324	1691				
9000/870							
9000/965	KWS 306 WT	75	75				

KPK
K.P. Kauffman Co., Inc.
Daily Workover or Completion Report

SUPERVISOR: Rick Ohlemeier

Well: Suckla Farms Injection Well #1

Road Dir: 19 at 10.5, 3/10E, N into

DATE: 01/29/98

L. Desc: senw 10 1n 67w

County: Weld, CO

Line Locate: 1-26-98, #22747

Formation: Lyons

Perfs: 9276-9418, 194 holes

Casing: 5.5" 20# N-80

TD: 9571

PBTD: 9476

KB Meas: 10

Contractor: KWS RIG 3

Well Problem: Tubing leak

Start time: 600

Stop time: 1030

Hrs daily: 4.5

Job cum: 18

MTD cum: 175.5

Safety mtg. topic: Proper clothing around specific chemicals

Operation: Pick up and run Unipacker VI with 2-3/8" SN on 28 jts tubing. Move in Hot-oiler #365 and attempt to pressure-test tubing against standing valve. Could not get good test. Pull 2 jts, re-test, no success. Pull 2 jts, re-test, no success. Found no obvious tubing leaks, pulling wet string. Order crew to POOH and stop operations until hydrotesters available.

SWI and release crew at 1000 hrs.

Footage	Jts.	Description of Items Run
0		Polished rod 1.25"x22' Rod subs Rods 3/4"x25' Rods 3/4"x25' Back-off tool Rods 3/4"x25' Rod sub 3/4" Pump - 2"x1.25"x16' RHAC, SV TOTAL
0		Tbg 2-3/8" 4.7# Tbg anchor/catcher Tbg 2-3/8" 4.7# Seating nipple Tail jt 2-3/8" slotted/pinned TOTAL

Oil used: 0

Water used: 20

Chem used:

Gals

From:

From:

Type:

0

Carrier:

Carrier: KWS 365

Type:

0

BTR daily:

BTR daily: 20

Type:

Cum:

Cum: 20

COST ESTIMATE:

Code	Intangible	Daily	Cum	Code	Tangible	Daily	Cum
9000/862	KWS Rig 3	538	2229				
9000/870	KWS 365 HO	328	328				
9000/965	KWS 306 WT	0	75				
Total:		866	2632	Total:		0	0

KPK
K.P. Kauffman Co., Inc.
Daily Workover or Completion Report

SUPERVISOR: Rick Ohlemeier

Well: Suckla Farms Injection Well #1

Road Dir: 19 at 10.5, 3/10E, N into

DATE: 01/30/98

L. Desc: senw 10 1n 67w

County: Weld, CO

Line Locate: 1-26-98, #22747

Formation: Lyons

Perfs: 9276-9418, 194 holes

Casing: 5.5" 20# N-80

TD: 9571

PBTD: 9476

KB Meas: 10

Contractor: KWS RIG 3

Well Problem: Tubing leak

Start time: 600

Stop time: 1930

Hrs daily: 13.5

Job cum: 31.5

MTD cum: 189

Safety mtg. topic: Safety around high pressure testing

Operation: Rig up PSI Testers. Pick up and run 2-3/8"x5.5" Unipacker VI. Hydrotest 2-7/8" tubing into hole. Found holes in jts #77, 84, 94, and 218. Testing finished at 1500 hrs. Release PSI Testers. Move in KWS Hot-Oiler #307, KWS Transport #316, KWS water truck #317, mix and pump 15 gal Halliburton Anhib with 140 bbls. fresh water into annulus.

Footage	Jts.	Description of Items Run
0		Polished rod 1.25"x22' Rod subs Rods 3/4"x25' Rods 3/4"x25' Back-off tool Rods 3/4"x25' Rod sub 3/4" Pump - 2"x1.25"x16' RHAC, SV TOTAL
9136.67	284	Tbg 2-7/8", 6.5# J-55, pl. lined
1	1	2-3/8"x2-7/8" swage w/collar
1.1	1	Seating nipple, 2-3/8"
6	1	2-3/8"x5.5" Unipacker VI (CKG)
9144.77		TOTAL, Set at 9145' KB, 131' above top perf.

With 50 bbl pumped, well began circulating. Install valve on tubing and close. Annular volume calculates to 129 bbl. After 140 bbl. pumped, set packer at 9146' KB, 130' above top perforation. Pressure-test annulus to 1050 psi for 8 minutes. At end of 8 minutes, pressure at 1050 psi. Release pressure. Release all crews, SWI at 1900 hrs.

Oil used: 0

Water used: 150

Chem used:

Gals

From:

From:

Type: Anhib (packer fluid) at \$36/gal

15

Carrier:

Carrier: KWS 316, 317

Type:

0

BTR daily:

BTR daily: 150

Type:

Cum:

Cum: 170

COST ESTIMATE:

Code	Intangible	Daily	Cum	Code	Tangible	Daily	Cum
9000/862	KWS Rig 3	1732	3961				
9000/870	KWS 365 HO	0	328				
9000/965	KWS 306 WT	0	75				
9000/870	KWS 307 HO	pend					
9000/965	KWS 316 WT	pend					
9000/965	KWS 317 WT	124	124				
9000/901	PSI Testing	1050	1050				
9000/865	Packer repair, CKG		pend				
9000/910	4 jts 2-7/8" tubing, from stock on location	0	0				
9000/871	Anhib, Halliburton, (see above)	540	540				
Total:		3446	6078	Total:		0	0

KPK
K.P. Kauffman Co., Inc.
Daily Workover or Completion Report

SUPERVISOR: Rick Ohlemeier

Well: Suckla Farms Injection Well #1

Road Dir: 19 at 10.5, 3/10E, N into

DATE: 01/31/98

L. Desc: senw 10 1n 67w

County: Weld, CO

Line Locate: 1-26-98, #22747

Formation: Lyons

Perfs: 9276-9418, 194 holes

Casing: 5.5" 20# N-80

TD: 9571

PBTD: 9476

KB Meas: 10

Contractor: KWS RIG 3

Well Problem: Tubing leak

Start time: 600

Stop time: 1300

Hrs daily: 4 (3 maint.)

Job cum: 35.5

MTD cum: 193

Safety mtg. topic: Designated smoking areas

Operation: Zero/975 psi this morning. Annular pressure build-up over night due to heat expansion.

Install flowline and insulate wellhead.

Crew used 3 additional hours maintenance to replace rig drilling line.

RD and spot rig off location. No further operations.

Release crew at 1230 hrs.

Footage	Jts.	Description of Items Run
0		Polished rod 1.25"x22'
		Rod subs
		Rods 3/4"x25'
		Rods 3/4"x25'
		Back-off tool
		Rods 3/4"x25'
		Rod sub 3/4"
		Pump - 2"x1.25"x16' RHAC, SV
		TOTAL
9136.67	284	Tbg 2-7/8", 6.5# J-55, pl. lined
1	1	2-3/8"x2-7/8" swage w/collar
1.1	1	Seating nipple, 2-3/8"
6	1	2-3/8"x5.5" Unipacker VI (CKG)
9144.77		TOTAL, Set at 9145' KB, 131' above top perf.

Oil used: 0

Water used: 0

Chem used:

Gals

From:

From:

Type: Anhib (packer fluid) at \$36/gal

15

Carrier:

Carrier:

Type:

0

BTR daily:

BTR daily: 0

Type:

Cum:

Cum: 170

COST ESTIMATE:

Code	Intangible	Daily	Cum	Code	Tangible	Daily	Cum
9000/862	KWS Rig 3	472	4433				
9000/870	KWS 365 HO	0	328				
9000/965	KWS 306 WT	0	75				
9000/870	KWS 307 HO, 1/30	0	240				
9000/965	KWS 316 WT, 1/30	0	300				
9000/965	KWS 317 WT	124	124				
9000/901	PSI Testing	1050	1050				
9000/865	Packer repair, Precision	365	365				
9000/910	4 jts 2-7/8" tubing, from stock on location	0	0				
9000/871	Anhib, Halliburton, (see above)	540	540				
EST. FINAL COST		Total:	2551	7455	Total:	0	0

KPK
K.P. Kauffman Co., Inc.
Daily Workover or Completion Report

SUPERVISOR: Rick Ohlemeier

Well: Suckla Farms Injection Well #1

Road Dir: 19 at 10.5, 3/10E, N into

DATE: 01/31/98

L. Desc: senw 10 1n 67w

County: Weld, CO

Line Locate: 1-26-98, #22747

Formation: Lyons

Perfs: 9276-9418, 194 holes

Casing: 5.5" 20# N-80

TD: 9571

PBTD: 9476

KB Meas: 10

Tubing Detail, 1/30/98:

Footage	No. its.	
9136.67	284	Tbg 2-7/8" OD, EUE, 8rd, 6.5#, J-55, plastic lined
1	1	2-3/8"x2-7/8" swage with 2-7/8" collar
1.1	1	Seating nipple, 2-3/8", with collar
6	1	2-3/8"x5.5" Unipacker VI (CKG, redressed by Precision Oil Tools), set in compression
9144.77		TOTAL, Set at 9145' KB, 131' above top perf.

